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Abstract

A Summary

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A promoter-transactivator system achieves regulated high-level gene expression in proliferation-controlled mammalian cells. The novel composite promoter contains constitutive enhancer elements that allows a basal expression level as high as the levels achieved with a very efficient viral promoter. In addition, the promoter encodes sequences that are bound by a transactivator whose activity can be regulated. By the simple addition of medium supplements expression levels can be achieved above those from the conventional promoter.